

Work Order ID 102555

Thursday, May 30, 2013

Page 1

Item ID:

Revision ID:

Item Name:

Draw Nbr:

Start Date: 5/30/2013 4:0

Start Qty: 1.0000

Revision Nbr

Required Date: 5/31/2013

Reqd Qty: 1.0000

Reference: ECN 13-567

Cust Item ID:

Customer ID:

Description: UPDATE PAPERWORK TO ALL KITS IN STOCK: D206-642-

Sales Order:

111,/112,/113,/114,/149,/151,/211,/212,/249,/311,/312,/312BL,/313,/314,/341,/347,/411BL,/412,/412BL,/441/,
511,/512,/513,/514,/541,/545,/611,/612/ PER ECN 13-567

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Hours

See following
pages for
batch numbers MF
13-5-30

MF
13/10/23

MF
13-10-23

QC 21 - 13/10/29 DJ

Thursday, May 30, 2013 4:11:19 PM

Shop Packet Print

Page 1 of 1

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 13.05.21	Job No.: ENG4108	ADR Yes/No: N	ADR Date:	ECN #: 13- 567
Product No.: D206-642	Created By: AJS	Approved By: <i>[Signature]</i>		
Product Name: Skidtube	Checked By: <i>[Signature]</i>			

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)	Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	NF		DQA / QA Coord.	Y	PS	
Production Manager / Coord.	Y	DL/MF		QC Coordinator	Y	ED	
Purchasing Coord.	N	CL		Customer Support	Y	SW/LM	
Production Engineering Coord.	Y	DD/JLM		Customer Technical Support	Y	MB/DS	
Production Engineering Coord.	N	DL		Marketing	Y	HM	
Customer Order Processing	M	RM/CA					

Reason for Change:
Customer Request

Documents Affected:
Release D4825, D4859, DSI-9653 & DSI-9655 @ Rev. A

PAPERWORK UPDATE ☒

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	N		MDL TO FOLLOW LATER	
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		13.05.23 <i>[Signature]</i>
11	Update Product Specification Files	Y	KJ	DSI9653 ON REQUEST	13.05.23 <i>[Signature]</i>
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		13.05.23 <i>[Signature]</i>
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		13.05.23 <i>[Signature]</i>
17	Update / Verify ARC Database	Y	KJ		13.05.23 <i>[Signature]</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ	CREATE DSI9653-011 @ CHG 001	13.05.23 <i>[Signature]</i>
19	Create / Update PPP's	Y	KJ		
20	Red Decals required?	M	HP		
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		13.05.23 <i>[Signature]</i>
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		13.05.23 <i>[Signature]</i>
24	Manufacturing Licensing Agreement Update	N			

Description / Action:

Release D4825, D4859, DSI-9653 & DSI-9655 @ Rev. A

102554

ECN Verified & Complete: _____

Date: _____

List Lots

Page 1 of 8

May-23-13 2:38:43 PM

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

D206-642-111 Skidtube LH	Main Warehouse FG082	40424	4/22/13	1.0000	QC21	CHG004
			Total:	1.0000		
D206-642-112 Skidtube RH	Premier Mezz	44224	4/22/13	1.0000	QC21	CHG004
			Total:	1.0000		
D206-642-113 Skidtube LH	Main Warehouse FG072	97140	4/04/13	1.0000	QC21	CHG003
	Main Warehouse FG082	95069	4/04/13	1.0000	QC21	CHG003
	Main Warehouse FG082	95383	4/04/13	1.0000	QC21	CHG003
	Main Warehouse FG082	97139	4/04/13	1.0000	QC21	CHG003
	OFFSHORE FG	80978	4/04/13	1.0000	QC21	CHG002
			Total:	5.0000		
D206-642-114 Skidtube RH	Main Warehouse FG082	95388	4/04/13	1.0000	QC21	CHG003
	Main Warehouse FG082	95825	4/04/13	1.0000	QC21	CHG003
	Main Warehouse FG082	95826	4/04/13	1.0000	QC21	CHG003
	OFFSHORE FG	95827	5/22/13	1.0000	QC21	CHG003
			Total:	4.0000		

B/10/23
SD

List Lots

May-23-13 2:38:43 PM

Page 2 of 8

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

D206-642-149	Main Warehouse	81749	10/16/12	3.0000	QC21	CHG001
Run-on Landing Wearplate	FG062					
	Main Warehouse	87608	10/03/12	4.0000	QC21	CHG001
	FG062					
	OFFSHORE	81749	10/03/12	1.0000	QC21	CHG001
	FG					
			Total:	8.0000		
D206-642-151	Main Warehouse	77976	4/04/13	1.0000	QC21	CHG001
Replacement Skidtube	FG082					
			Total:	1.0000		
D206-642-211	Main Warehouse	95345	4/05/13	1.0000	QC21	CHG007
Skidtube LH	FG082					
	OFFSHORE	89128	4/05/13	1.0000	QC21	CHG006
	FG					
	OFFSHORE	90711	4/12/13	1.0000	QC21	CHG006
	FG					
			Total:	3.0000		
D206-642-212	Main Warehouse	95424	4/02/13	1.0000	QC21	CHG007
Skidtube RH	FG082					
	Main Warehouse	98848	4/02/13	1.0000	QC21	CHG007
	FG082					
	OFFSHORE	83025	4/02/13	1.0000	QC21	CHG006
	FG					
	OFFSHORE	90762	4/12/13	1.0000	QC21	CHG006
	FG					
			Total:	4.0000		

13/06/23
SD

May-23-13 2:38:43 PM

List Lots

Page 2 of 8

List Lots

May-23-13 2:38:43 PM

Page 3 of 8

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

D206-642-249	Main Warehouse	56615	10/14/11	2.0000	QC21	CHG001
Run-on Landing Wearplate	FG061					
	Main Warehouse	78220	2/06/12	1.0000	QC21	CHG001
	FG062					
			Total:	3.0000		
D206-642-311	Main Warehouse	81989	4/24/13	1.0000	QC21	CHG006
Skidtube LH	FG081					
	Main Warehouse	36135	4/24/13	1.0000	QC21	CHG004
	FG082					
	Main Warehouse	81986	4/24/13	1.0000	QC21	CHG006
	FG082					
	Main Warehouse	81988	4/24/13	1.0000	QC21	CHG006
	FG082					
	Main Warehouse	95922	4/24/13	1.0000	QC21	CHG007
	FG082					
	OFFSHORE	84833	4/24/13	1.0000	QC21	CHG006
	FG					
			Total:	6.0000		
D206-642-312	Main Warehouse	15649	4/23/13	1.0000		
Skidtube RH	FG082					
	Main Warehouse	81990	4/23/13	1.0000	QC21	CHG006
	FG082					
	Main Warehouse	81992	4/23/13	1.0000	QC21	CHG006
	FG082					
	Main Warehouse	81993	4/23/13	1.0000	QC21	CHG006
	FG082					

13/10/23
54

May-23-13 2:38:43 PM

List Lots

Page 3 of 8

List Lots

May-23-13 2:38:43 PM

Page 4 of 8

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

D206-642-312	Main Warehouse	90220	4/23/13	1.0000	QC21	CHG006
Skidtube RH	FG082					
	Main Warehouse	95969	4/23/13	1.0000	QC21	CHG007
	FG082					
	OFFSHORE	84835	4/23/13	1.0000	QC21	CHG006
	FG					
			Total:	7.0000		
D206-642-312BL	Main Warehouse	98179	5/23/13	1.0000	QC21	CHG007
Skidtube RH	FG					
			Total:	1.0000		
D206-642-313	Main Warehouse	86992	5/08/13	1.0000	QC21	CHG001
Skidtube LH	FG082					
			Total:	1.0000		
D206-642-314	Main Warehouse	86994	11/29/12	1.0000	QC21	CHG001
Skidtube RH	FG082					
			Total:	1.0000		
D206-642-341	Main Warehouse	93119	5/23/13	1.0000	QC21	CHG003
Replacement Skidtube	FG					
	Main Warehouse	36550	5/23/13	1.0000	QC21	
	FG082					
	Main Warehouse	69952	5/23/13	1.0000	QC21	CHG003
	FG082					
	Main Warehouse	95787	5/23/13	1.0000	QC21	CHG004
	FG082					
			Total:	4.0000		

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May-23-13 2:38:43 PM

List Lots

Page 4 of 8

List Lots

Page 5 of 8

May-23-13 2:38:43 PM

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

D206-642-347	Main Warehouse	66837	5/11/11	1.0000	QC21	CHG002
Wearshoe	FG062					
	Main Warehouse	69263	5/11/11	2.0000	QC21	CHG002
	FG062					
			Total:	3.0000		
D206-642-411BL	Main Warehouse	96899	4/18/13	1.0000	QC21	CHG007
Skidtube LH, Blue	FG073					
			Total:	1.0000		
D206-642-412	Main Warehouse	41319	7/19/12	1.0000	QC21	CHG005
Skidtube RH	FG082					
			Total:	1.0000		
D206-642-412BL	Main Warehouse	96900	4/18/13	1.0000	QC21	CHG007
Skidtube RH, Blue	FG073					
			Total:	1.0000		
D206-642-441	Main Warehouse	84788	4/16/13	1.0000	QC21	CHG003
Replacement Skidtube	FG082					
	Main Warehouse	84789	4/16/13	1.0000	QC21	CHG003
	FG082					
	Main Warehouse	84790	4/16/13	1.0000	QC21	CHG003
	FG082					
			Total:	3.0000		
D206-642-511	Main Warehouse	83034	4/19/13	1.0000	QC21	CHG004
Float Skidtube LH	FG073					
	Main Warehouse	89627	4/19/13	1.0000	QC21	CHG004
	FG073					

May-23-13 2:38:43 PM

List Lots

Page 5 of 8

List Lots

May-23-13 2:38:43 PM

Page 6 of 8

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

D206-642-511	Main Warehouse	93869	4/19/13	1.0000	QC21	CHG004
Float Skidtube LH	FG073					
	OFFSHORE	85362	4/19/13	1.0000	QC21	CHG004
	FG					
	OFFSHORE	92048	4/19/13	1.0000	QC21	CHG004
	FG					
	OFFSHORE	97627	5/22/13	1.0000	QC21	CHG004
	FG					
			Total:	6.0000		
D206-642-512	Main Warehouse	82003	4/11/13	1.0000	QC21	CHG004
Float Skidtube RH	FG073					
	Main Warehouse	93006	4/11/13	1.0000	QC21	CHG004
	FG073					
	Main Warehouse	93875	4/11/13	1.0000	QC21	CHG004
	FG073					
	OFFSHORE	81630	4/11/13	1.0000	QC21	CHG004
	FG					
	OFFSHORE	90379	4/11/13	1.0000	QC21	CHG004
	FG					
	OFFSHORE	95994	5/22/13	1.0000	QC21	CHG004
	FG					
			Total:	6.0000		
D206-642-513	Main Warehouse	70714	7/15/11	1.0000	QC21	CHG003
Skidtube LH	FG073					
			Total:	1.0000		
D206-642-514	Main Warehouse	70715	7/15/11	1.0000	QC21	CHG003
Skidtube RH	FG073					

May-23-13 2:38:43 PM

List Lots

Page 6 of 8

List Lots

May-23-13 2:38:43 PM

Page 7 of 8

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

			Total:	1.0000		
D206-642-541	Main Warehouse	92999	1/31/13	0.0000	QC21	CHG003
Replacement Skidtube	FG073					
	OFFSHORE	93874	5/06/13	1.0000	QC21	CHG003
	FG					
	OFFSHORE	96044	5/06/13	1.0000	QC21	CHG003
	FG					
			Total:	2.0000		
D206-642-545	Main Warehouse	61479	10/18/12	1.0000	QC21	CHG002
Skidtube	FG073					
	Main Warehouse	68677	10/18/12	1.0000	QC21	CHG002
	FG073					
	Main Warehouse	89991	10/18/12	1.0000	QC21	CHG002
	FG073					
	OFFSHORE	68676	10/18/12	1.0000	QC21	CHG002
	FG					
			Total:	4.0000		
D206-642-611	Main Warehouse	81282	11/29/12	1.0000	QC21	CHG004
Float Skidtube LH	FG082					
	OFFSHORE	78678	9/19/12	1.0000	QC21	CHG004
	FG					
			Total:	2.0000		
D206-642-612	OFFSHORE	79406	4/12/13	1.0000	QC21	CHG004
Float Skidtube RH	FG					
	OFFSHORE	90823	4/12/13	1.0000	QC21	CHG004
	FG					

May-23-13 2:38:43 PM

List Lots

Page 7 of 8

List Lots

May-23-13 2:38:43 PM

Page 8 of 8

Criteria : Item ID: 'D206-642-111', 'D206-642-112', 'D206-642-113', 'D206-642-114', 'D206-642-141', 'D206-642-149', 'D206-642-151', 'D206-642-211', 'D206-642-212', 'D206-642-241', 'D206-642-247', 'D206-642-249', 'D206-642-251', 'D206-642-251RevA', 'D206-642-311', 'D206-642-311BL', 'D206-642-312', 'D206-642-312BL', 'D206-642-313', 'D206-642-314', 'D206-642-341', 'D206-642-347', 'D206-642-351', 'D206-642-411BL', 'D206-642-412', 'D206-642-412BL', 'D206-642-441', 'D206-642-441RevF', 'D206-642-447', 'D206-642-511', 'D206-642-512', 'D206-642-513', 'D206-642-514', 'D206-642-541', 'D206-642-541RevM', 'D206-642-545', 'D206-642-611', 'D206-642-612', 'D206-642-641' All Locations All Warehouses All Quantity

Total: 2.0000

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-642 REV. P
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-642 REV.5

REF. FAA STC: SA00475SE

REF. CANADIAN STC: SH98-4

REF. EASA STC: EASA.IM.R.S.01320

1.0 PURPOSE:

The purpose of this Dart Service Instruction is to provide customers with a kit to upgrade the Nutplate Assembly that retains the Tow Ring on their D206-642-XXX Skidtubes .

This kit also contains a bushing for modifying the Tow Ring itself to prevent the bolt from backing off.

Each kit contains materials for modifying (1) D206-642-XXX Skidtube.

2.0 PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI9653-011	TOW RING MOD KIT
1	D4825-041	NUT PLATE ASSY
1	D4859-1	BUSHING
1	AN4C5A	BOLT
1	NAS1149C0463R	WASHER (OR AN960C10L)
2	CCR264SS3-3	CSK BLIND RIVET (STAINLESS STEEL)
12	CR3522-4-03	CSK BLIND RIVET (MONEL)

3.0 WEIGHT AND BALANCE:

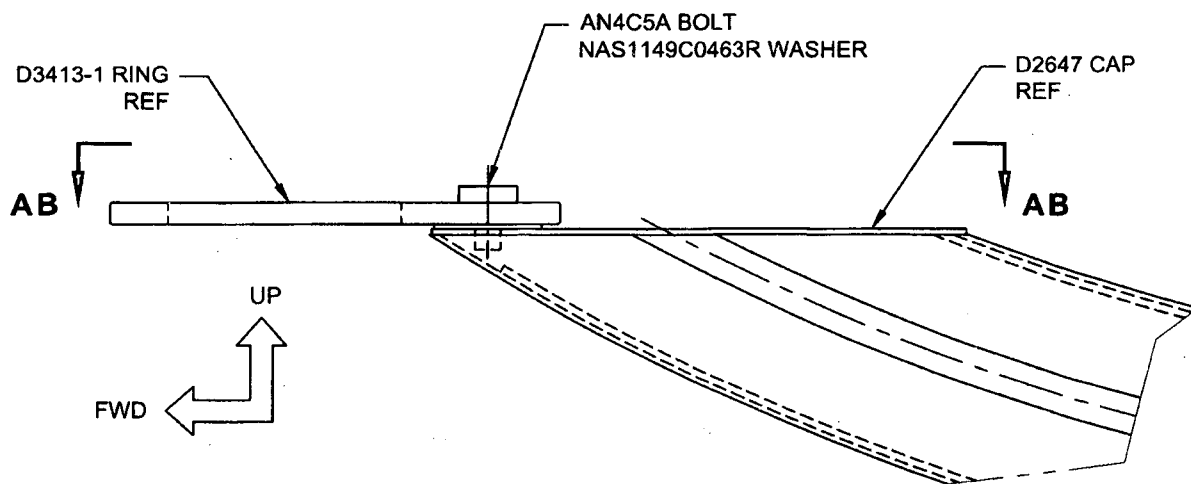
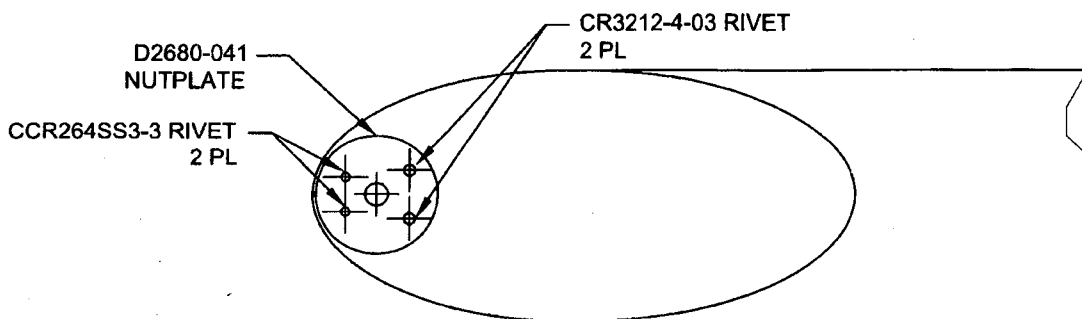
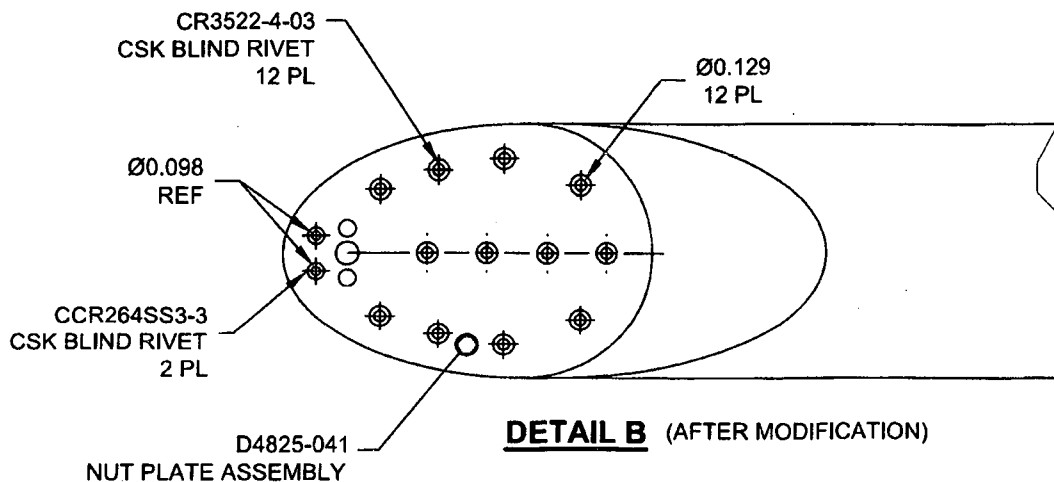
There is a negligible weight change associated with this modification.

A	NEW ISSUE	AJS	13.05.07
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC	
DRAWN	AJS	KENT, WA	
CHECKED	J	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9653	SHEET 1 OF 4
APPROVED	140	TITLE	SCALE
DE APPR.	140	TOW RING MOD	NTS
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4.0 PROCEDURE:

- 4.1 On the forward end of the D206-642-XXX Skidtube locate, remove, and retain the D3413-1 ring by removing the (1) AN4C5A bolt and (1) NAS1149C0463R washer as shown in Figure 1 of this Service Instruction. Discard the hardware (replacement hardware is included with this kit).
- 4.2 Remove and discard the D2680-041 Nutplate by drilling out the (2) CCR264SS-3 AND (2) CR3212-4-03 rivets as shown in Detail A of this Service Instruction.
- 4.3 Remove all of the anti skid finish from the from the D2647 cap.
- 4.4 Locate the D4825-041 Nut Plate Assembly on the the Skidtube. Transfer drill (12) Ø0.129 holes thru the D2647 Cap as shown in Detail B of this Service Instruction.
- 4.5 Deburr all holes. Touch up finish with chemical film material (Alodine 1200 or 1201) per MIL-C-5541, one coat of MIL-P-85582 or MIL-P-23377 primer and 2-3 coats MIL-C-83285 polyurethane paint to match finish.
- 4.6 Coat the mating surface of the D4825-041 Nut Plate Assembly with Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 sealant, ensure the threads on the nutplate are not plugged with sealant.
- 4.7 Relocate the D4825-041 Nut Plate Assembly onto the Skidtube and install (12) CR3522-4-03 blind rivets and (2) CCR264SS3-3 blind rivets as shown in Detail B of this Service Instruction.
- 4.8 At the discretion of the installer, reapply black anti skid paint per MIL-W-5044 Type 2. Ensure that the nutplate threads in the D4825-041 are masked prior to applying black anti skid paint.
- 4.9 Modify the D3413-1 Ring as shown In Figure 2 of this Service Instruction. Touch up finish using one coat of MIL-P-85582 or MIL-P-23377 primer and 2-3 coats MIL-C-83285 polyurethane paint to match finish.
- 4.10 Reinstall the D3413-1 Ring using (1) D4859-1 Bushing, (1) AN4C5A Bolt AND (1) NAS1149C0463R Washer per Figure 3 of this Service Instruction.

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D3413-1 RING
REF

AN4C5A BOLT
NAS1149C0463R WASHER
D4859-1 BUSHING

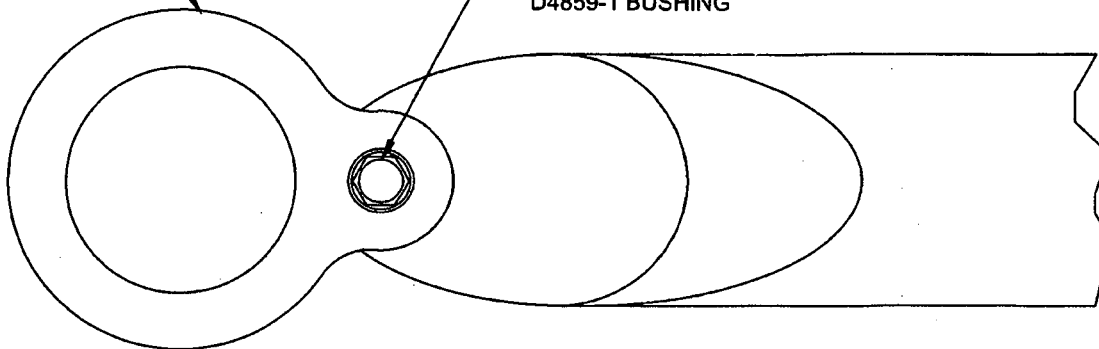
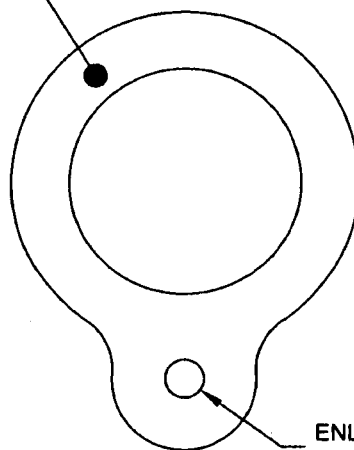


FIGURE 3

D3413-1 RING
REF



ENLARGE EXISTING HOLE TO
Ø0.438

FIGURE 2

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